

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK  
GOVERNOR

TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

09/13/2011

Laura Marshard  
Assistant District Attorney, Cape & Islands

Dear ADA Marshard,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]  
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Daniel Renczkowski.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Daniel Renczkowski was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan  
Chemist II  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6631

## Curriculum Vitae

**Annie Khan (Dookhan)**

### Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

### Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

\*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

\*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

\*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

\*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

\*Maintenance and repairs of all analytical instruments.

\*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

\*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

\*Notary Public.

\*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

\*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

\*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs).

\*Trained and supervised new chemists and interns for the department.

\*Routine QC testing of products for the FDA.

\*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

\*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

\*Complete testing of chemicals for Vendor Validation Project for the FDA.

\*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

### Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

### Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

## Curriculum Vitae

Daniel Renczkowski

### Education

Degree: Bachelors of Science in Forensic Chemistry,  
May 2005 from Buffalo State College  
GPA: 3.84, Dean's List, Honor's Recognition  
American Chemical Society Undergraduate Award  
Phi Lambda Upsilon Membership

Related Coursework:	Analytical Chemistry	Physical Chemistry
	Organic Chemistry I and II	Instrumental Chemistry
	Biochemistry	Forensics Laboratory
	Chemistry of Criminalistics	Physical Evidence
	Anatomy	Physiology

### Employment

Massachusetts Department of Public Health Drug Analysis Laboratory

Chemist I (October 2005 – March 2008)

Chemist II (March 2008 – present)

- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- Successfully completed GC/MS training program
- Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- Responsible for maintenance and repairs of analytical instruments
- Responsible for quality control of analytical instruments and standards

### Related Experience

Niagara County Forensics Laboratory

Forensic Internship, January 2005

- Conducted research on the presumptive testing of saliva
- Conducted research on the identification and detection of lubricants
- Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- Daily use of FTIR microscope and DuraSamplerII
- Familiarized with GC/MS programs

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION



The Commonwealth of Massachusetts  
Executive Office of Health and Human Services

Boston Drug  
Laboratory  
Tel (617) 983-6622  
Fax (617) 983-6625

Department of Public Health  
State Laboratory Institute

Amherst Drug  
Laboratory  
Tel (413) 545-2601  
Fax (413) 545-2608

Boston Hours  
8:00 – 11:00  
2:00 – 4:00

Amherst Hours  
9:00 – 12:00  
1:00 – 4:00

DRUG RECEIPT

City or Department: Oak Bluff Police Reference No.: [REDACTED]  
Name and Rank of Submitting Officer: Nicholas Corelli, Det. #917  
Defendant(s) Name (last, first, initial)  
[REDACTED]

Description of Samples	To be completed by Lab Personnel	
	Gross Weight	Lab Number
5 green oval pills believed to be Oxycodone 1 cello	6.05g	[REDACTED]

Received by: [Signature]

Date: 1.25.11

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION



The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
State Laboratory Institute

Boston Drug  
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Tel (617) 983-6622  
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Tel (413) 545-2601  
Fax (413) 545-2608

Boston Hours  
8:00 – 11:00  
2:00 – 4:00

Amherst Hours  
9:00 – 12:00  
1:00 – 4:00

## DRUG RECEIPT

City or Department: Oak Bluffs Police Reference No.: [REDACTED]

Name and Rank of Submitting Officer: Curelli, Det. #917

Defendant(s) Name (last, first, initial)

[REDACTED]

Description of Samples

To be completed by Lab Personnel

Gross Weight

Lab Number

2 green oval shaped pills  
believed to be oxycodone

5.91 gm

[REDACTED]

Received by:

AS

Date:

1-25-11

Folk\_OIG\_PRR\_044548

No. [REDACTED] Date Analyzed: 4-1-11  
City: Oak Bluffs Police Dept.  
Officer: P.O. STEVEN PUPEK  
Def: [REDACTED]  
Amount: 5.0 Subst: TAB  
No. Cont: 1 Cont: cellophane wrapper  
Date Rec'd: 01/25/2011 No. Analyzed:  
Gross Wt.: 6.05 Net Weight: 0.49  
# Tests: 1 ASD  
• 2 DJR

Prelim: Oxycodone<sub>B</sub> Findings: Oxycodone

No. [REDACTED] Date Analyzed: 4-1-11  
City: Oak Bluffs Police Dept.  
Officer: P.O. STEVEN PUPEK  
Def: [REDACTED]  
Amount: 2.0 Subst: TAB  
No. Cont: 1 Cont: pb  
Date Rec'd: 01/25/2011 No. Analyzed:  
Gross Wt.: 5.91 Net Weight: 0.20  
# Tests: 1 ASD  
• 2 DJR

Prelim: Oxycodone<sub>B</sub> Findings: Oxycodone

# DRUG POWDER ANALYSIS FORM

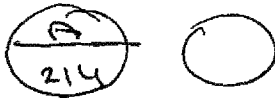
SAMPLE # [REDACTED] AGENCY Oak Bluffs ANALYST AM

No. of samples tested: \_\_\_\_\_

Evidence Wt. \_\_\_\_\_

## PHYSICAL DESCRIPTION:

5 green oval tablet  
17-pb



Gross Wt ( ): \_\_\_\_\_

Gross Wt ( ): \_\_\_\_\_

Pkg. Wt: \_\_\_\_\_

Net Wt: 0.4935

## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate ( ) \_\_\_\_\_

Marquis \_\_\_\_\_

Froehde's \_\_\_\_\_

Mecke's \_\_\_\_\_

### Microcrystalline Tests

Gold  
Chloride \_\_\_\_\_

TLTA ( ) \_\_\_\_\_

### OTHER TESTS

Muoneda A10

## PRELIMINARY TEST RESULTS

RESULTS Oxycodone

DATE 3-25-11

## GC/MS CONFIRMATORY TEST

RESULTS Oxycodone

MS  
OPERATOR DJR

DATE 4-1-11

## Drug Information

**DRUG NAME:** OXYCODONE HYDROCHLORIDE

**INGREDIENTS:** OXYCODONE HYDROCHLORIDE -- 15 MG

**Color:** Green

**Shape:** Circle

**Imprint:** A; 214

**Form:** Oral Tablet

**Available-Container-Size:**  
10X10 , Bottle of 100

**AAPCC Code:** 037705 - Oxycodone  
Alone or in Combination (Excluding  
Combination Products with  
Acetaminophen or Acetylsalicylic Acid)

**NDC:** 52152-0214-11  
52152-0214-02

**Excipients:** Starch, Corn ; D&C Yellow  
No. 10 Aluminum Lake ; Lactose  
(Monohydrate) ; Cellulose,  
Microcrystalline ; Silicon  
Dioxide ; Sodium Starch  
Glycolate ; Stearic Acid

**Regulatory Status:** Schedule II

**Availability:** United States

**Product ID** 6527167

**Contact:** Actavis Totowa

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# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Oak Bluffs ANALYST ADJ

No. of samples tested:            Evidence Wt.           

## PHYSICAL DESCRIPTION:

2 green round tablet  
17 - pb

Gross Wt ( ):           

Gross Wt ( ):           

Pkg. Wt:           

Net Wt: 0.2017



## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate ( )           

Marquis           

Froehde's           

Mecke's           

### Microcrystalline Tests

Gold  
Chloride           

TLTA ( )           

### OTHER TESTS

microscopic (+)

## PRELIMINARY TEST RESULTS

RESULTS Oxycodone

DATE 3-25-11

## GC/MS CONFIRMATORY TEST

RESULTS Oxycodone

MS  
OPERATOR DJA

DATE 4-1-11

## Drug Information

**DRUG NAME:** OXYCODONE HYDROCHLORIDE

**INGREDIENTS:** OXYCODONE HYDROCHLORIDE -- 15 MG

**Color:** Green

**Shape:** Circle

**Imprint:** A; 214

**Form:** Oral Tablet

**Available-Container-Size:**  
10X10 , Bottle of 100

**AAPCC Code:** 037705 - Oxycodone  
Alone or in Combination (Excluding  
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Acetaminophen or Acetylsalicylic Acid)

**NDC:** 52152-0214-11  
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**Excipients:** Starch, Corn ; D&C Yellow  
No. 10 Aluminum Lake ; Lactose  
(Monohydrate) ; Cellulose,  
Microcrystalline ; Silicon  
Dioxide ; Sodium Starch  
Glycolate ; Stearic Acid

**Regulatory Status:** Schedule II

**Availability:** United States

**Product ID** 6527167

**Contact:** Actavis Totowa

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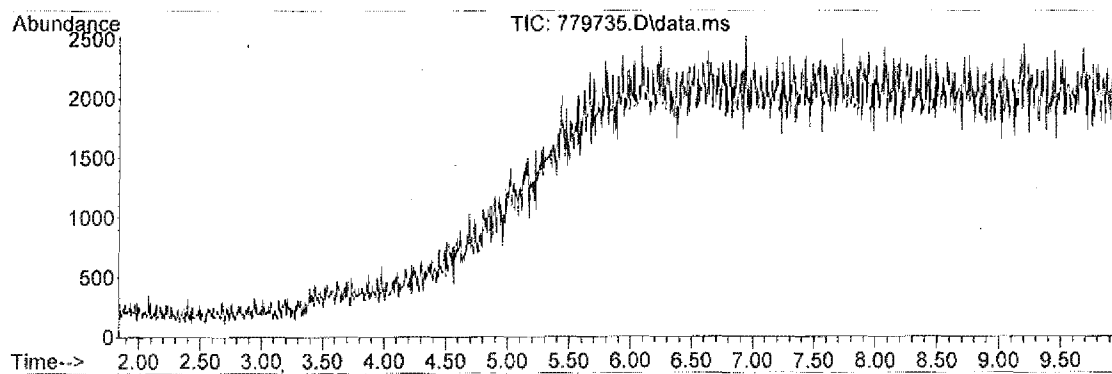
# Area Percent / Library Search Report

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Operator : ASD  
Date Acquired : 30 Mar 2011 14:25  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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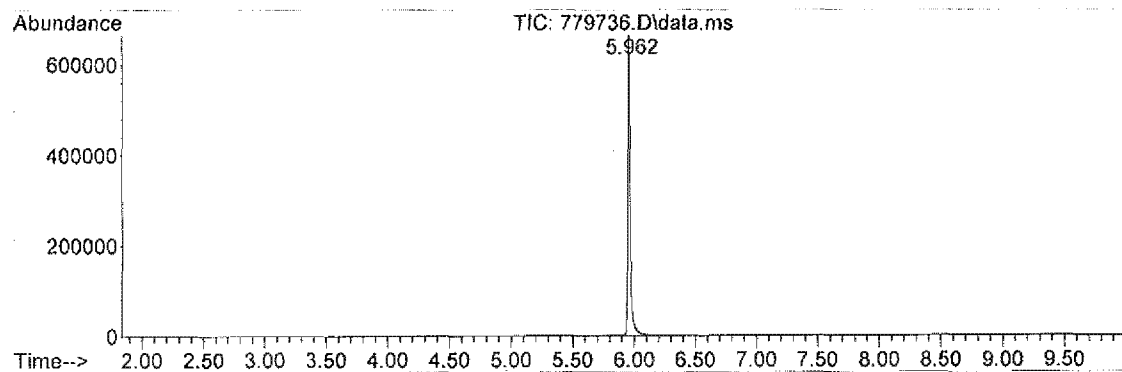
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\*\*\*NO INTEGRATED PEAKS\*\*\*

# Area Percent / Library Search Report

**Information from Data File:**

File Name : J:\03\_30\_11\779736.D  
 Operator : ASD  
 Date Acquired : 30 Mar 2011 14:38  
 Sample Name : OXYCODONE STD  
 Submitted by : ASD  
 Vial Number : 6  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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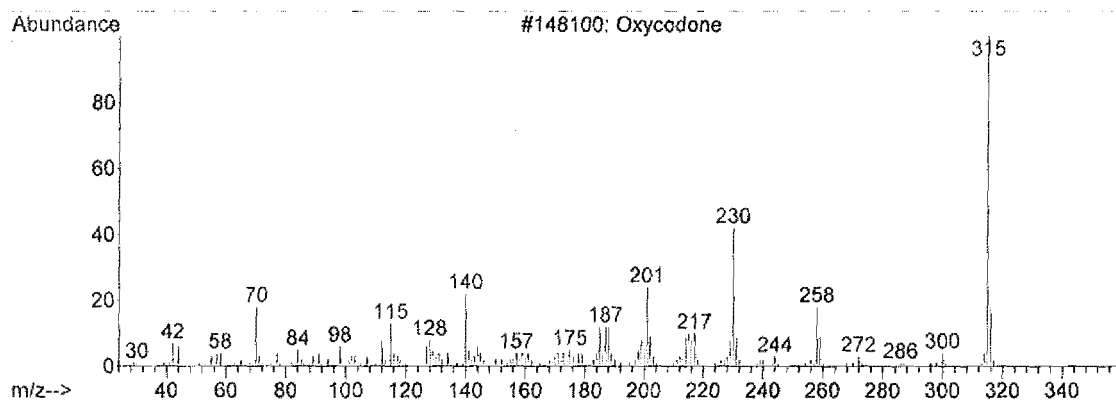
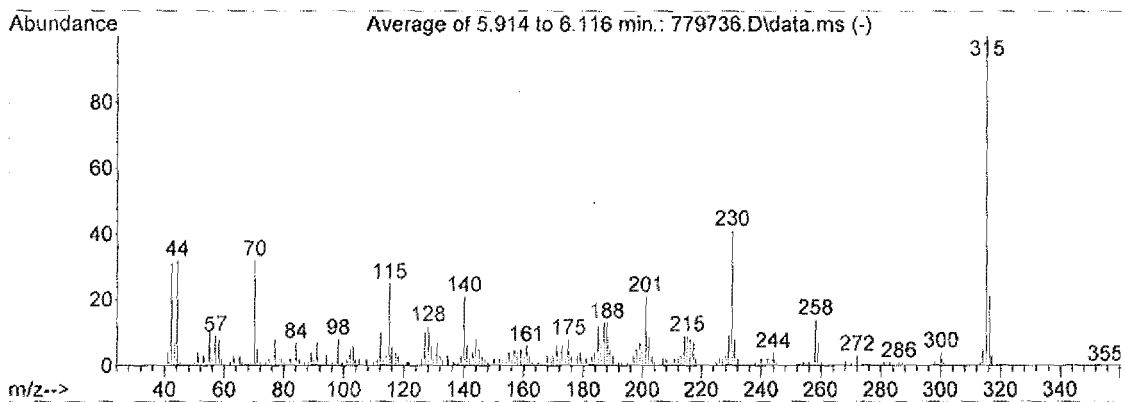
# Area Percent / Library Search Report

**Information from Data File:**

File Name : J:\03\_30\_11\779736.D  
 Operator : ASD  
 Date Acquired : 30 Mar 2011 14:38  
 Sample Name : OXYCODONE STD  
 Submitted by : ASD  
 Vial Number : 6  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST08.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	5.96	C:\Database\NIST08.L		
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99



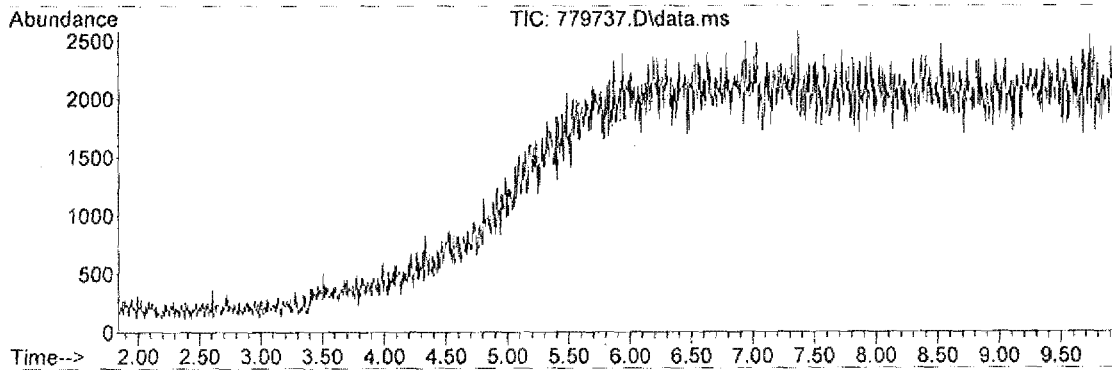
Area Percent / Library Search Report

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Information from Data File:

File Name : J:\03\_30\_11\779737.D  
Operator : ASD  
Date Acquired : 30 Mar 2011 14:50  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

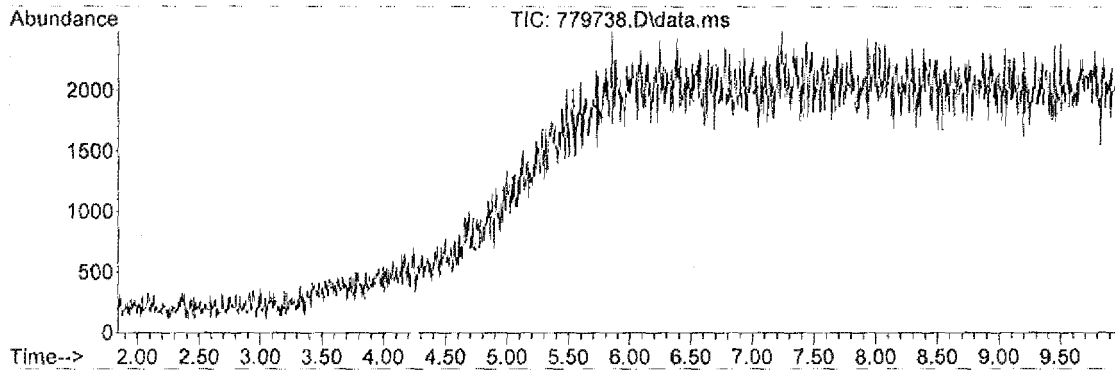
Area Percent / Library Search Report

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File Name : J:\03\_30\_11\779738.D  
Operator : ASD  
Date Acquired : 30 Mar 2011 15:03  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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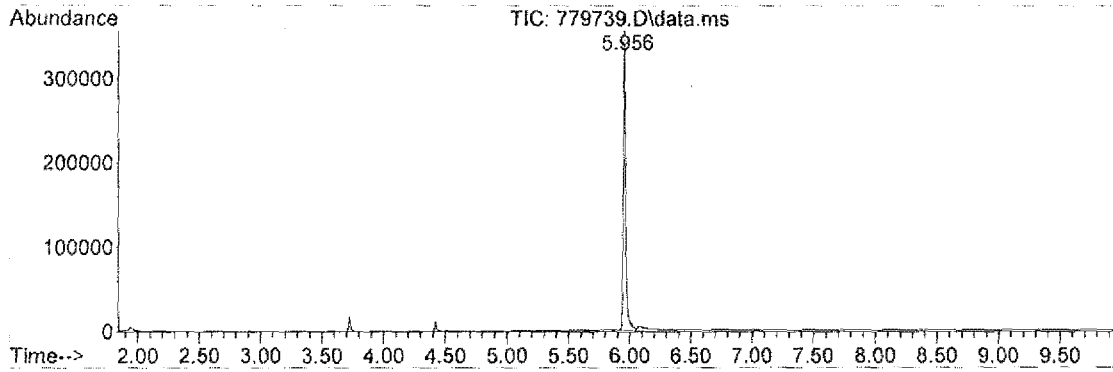
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\*\*\*NO INTEGRATED PEAKS\*\*\*

Area Percent / Library Search Report

Information from Data File:

File Name : J:\03\_30\_11\779739.D  
 Operator : ASD  
 Date Acquired : 30 Mar 2011 15:15  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 39  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.956	468594	100.00	100.00



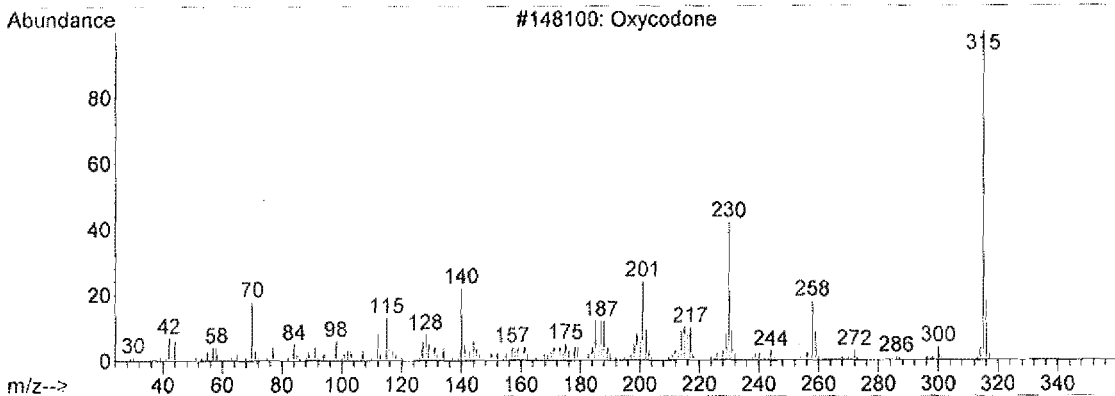
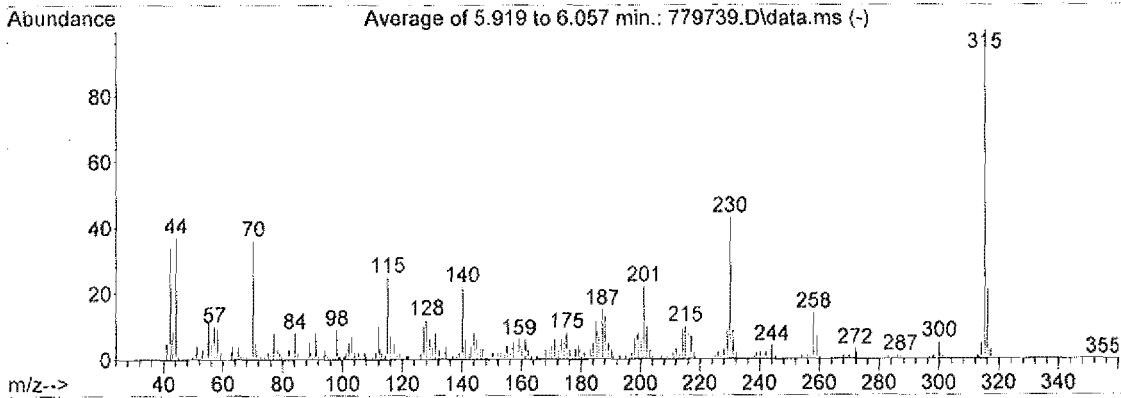
# Area Percent / Library Search Report

**Information from Data File:**

File Name : J:\03\_30\_11\779739.D  
 Operator : ASD  
 Date Acquired : 30 Mar 2011 15:15  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 39  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST08.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	5.96	C:\Database\NIST08.L		
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99



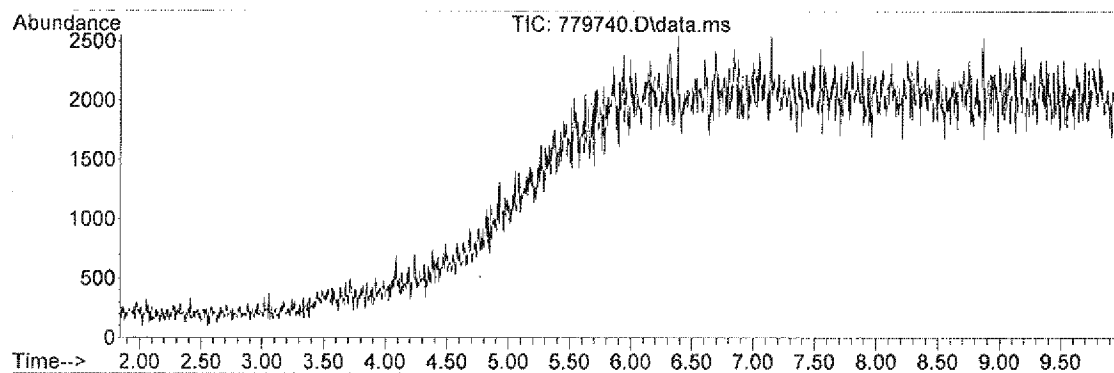
# Area Percent / Library Search Report

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File Name : J:\03\_30\_11\779740.D  
Operator : ASD  
Date Acquired : 30 Mar 2011 15:28  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 2  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

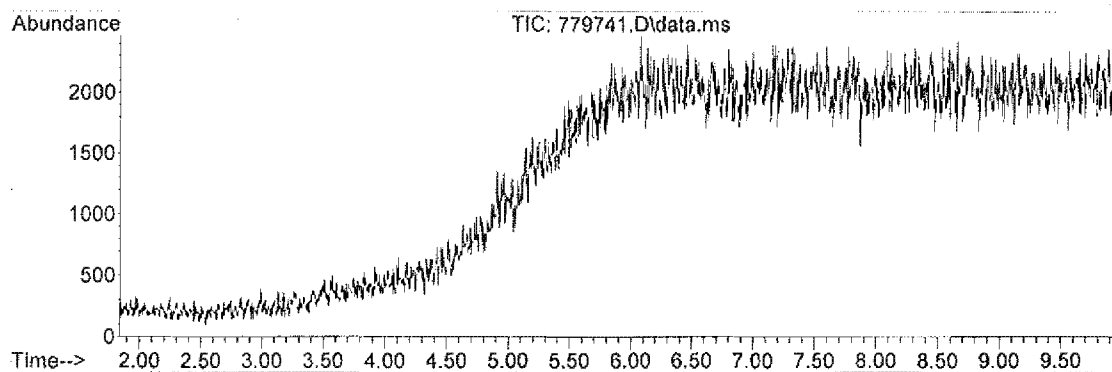
# Area Percent / Library Search Report

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File Name : J:\03\_30\_11\779741.D  
Operator : ASD  
Date Acquired : 30 Mar 2011 15:41  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 2  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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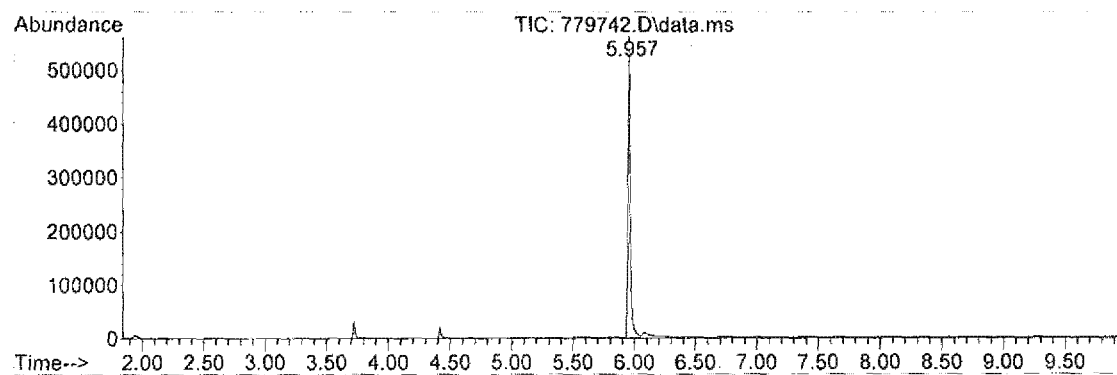
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\*\*\*NO INTEGRATED PEAKS\*\*\*

# Area Percent / Library Search Report

**Information from Data File:**

File Name : J:\03\_30\_11\779742.D  
 Operator : ASD  
 Date Acquired : 30 Mar 2011 15:53  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 42  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.957	714418	100.00	100.00

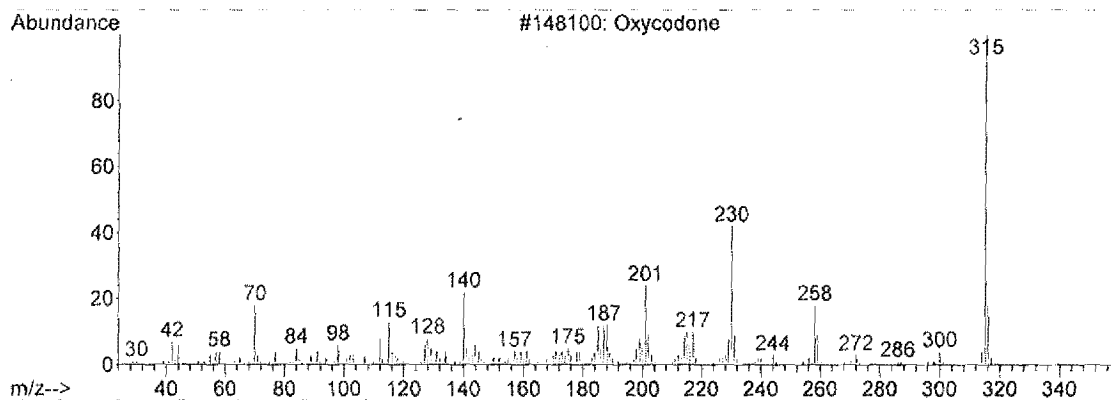
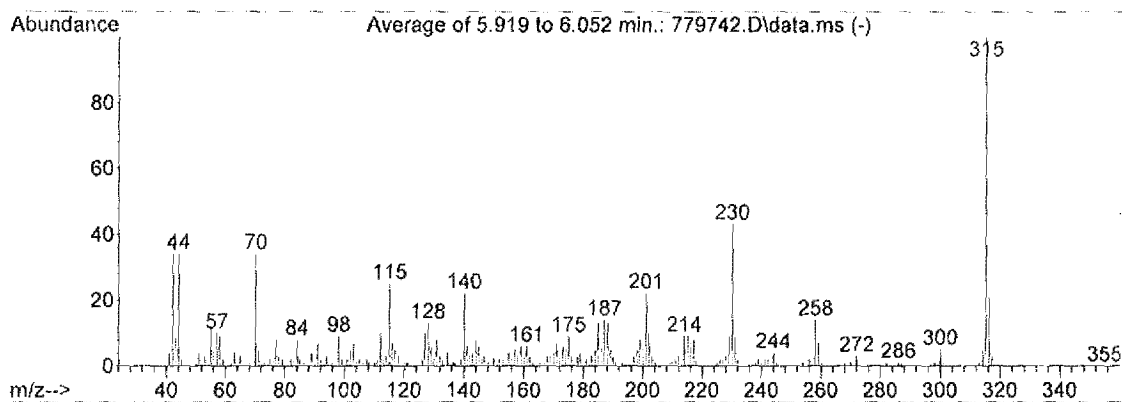
# Area Percent / Library Search Report

**Information from Data File:**

File Name : J:\03\_30\_11\779742.D  
 Operator : ASD  
 Date Acquired : 30 Mar 2011 15:53  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 42  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST08.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	5.96	C:\Database\NIST08.L		
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99



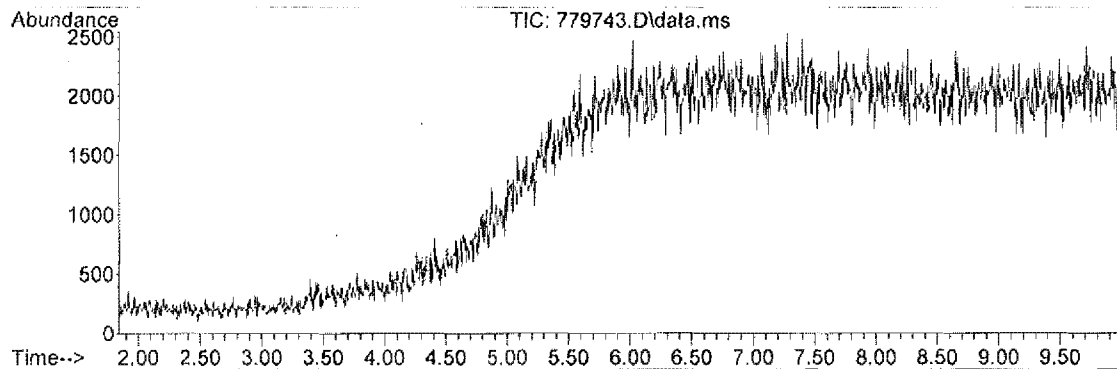
Area Percent / Library Search Report

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Information from Data File:

File Name : J:\03\_30\_11\779743.D  
Operator : ASD  
Date Acquired : 30 Mar 2011 16:06  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 2  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

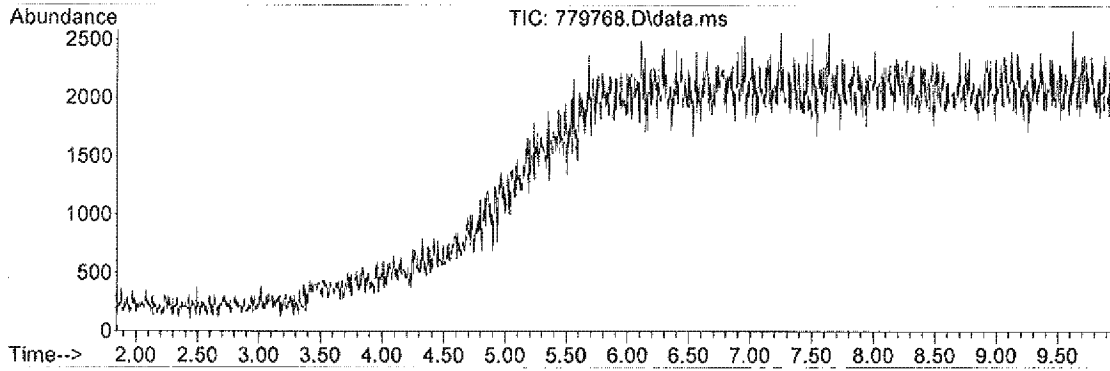
Area Percent / Library Search Report

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Information from Data File:

File Name : J:\03\_30\_11\779768.D  
Operator : ASD  
Date Acquired : 30 Mar 2011 21:20  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 2  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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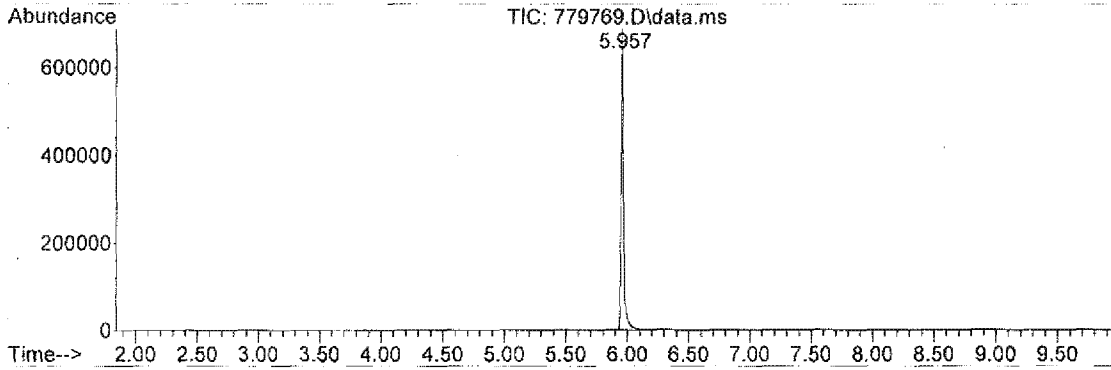
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\*\*\*NO INTEGRATED PEAKS\*\*\*

# Area Percent / Library Search Report

Information from Data File:

File Name : J:\03\_30\_11\779769.D  
 Operator : ASD  
 Date Acquired : 30 Mar 2011 21:33  
 Sample Name : OXYCODONE STD  
 Submitted by : ASD  
 Vial Number : 6  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.957	921940	100.00	100.00



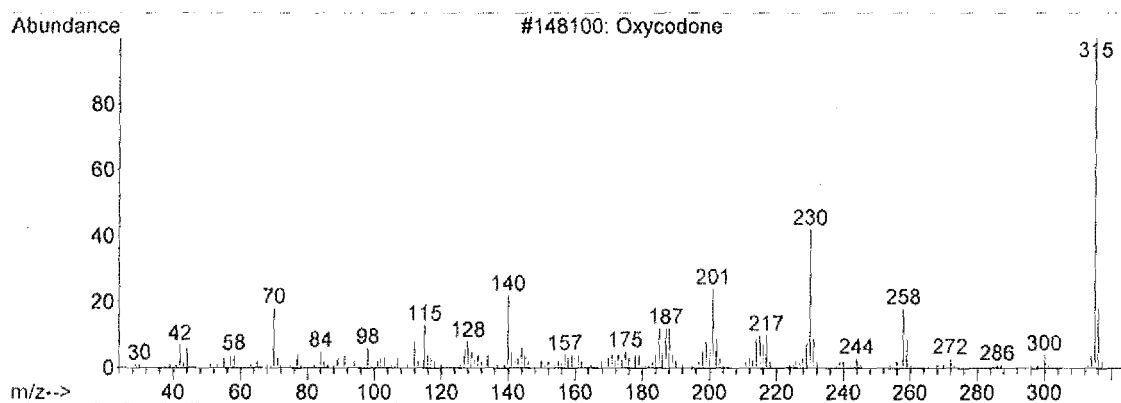
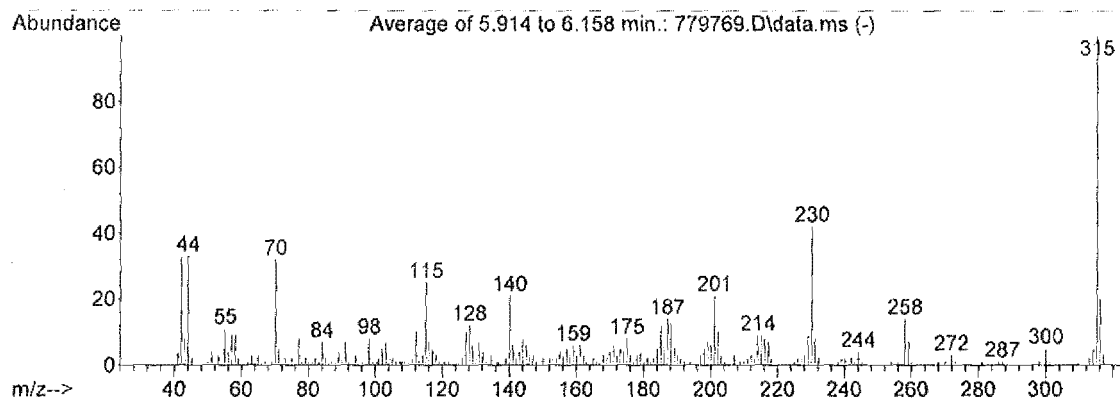
# Area Percent / Library Search Report

**Information from Data File:**

File Name : J:\03\_30\_11\779769.D  
 Operator : ASD  
 Date Acquired : 30 Mar 2011 21:33  
 Sample Name : OXYCODONE STD  
 Submitted by : ASD  
 Vial Number : 6  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST08.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	5.96	C:\Database\NIST08.L		
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99
		Oxycodone	000076-42-6	99



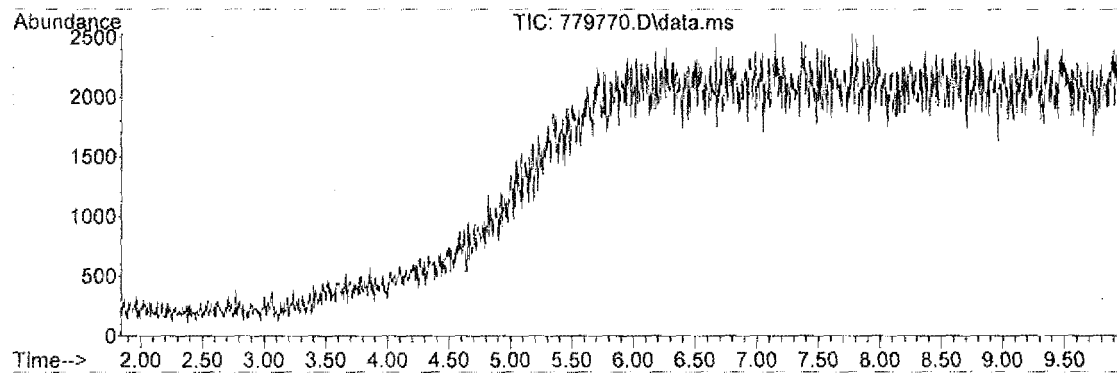
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## Information from Data File:

File Name : J:\03\_30\_11\779770.D  
Operator : ASD  
Date Acquired : 30 Mar 2011 21:45  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 2  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*